



**2020 ENERGY STAR® Industrial Meeting, co-hosted by U.S. EPA & NRCan
with Bonus Sessions from Best Practices
Online September 21-25, 2020**

Theme: 2020 Vision – Seeing the Present & Future Clearly

Schedule at a Glance

Monday, September 21, 2020 ENERGY STAR Workshop Meetings

11 am – 12:30 pm	Welcome, Instructions for Participating, Session 1
1:30 pm – 3:30 pm	Session 2, Breakout Sessions 1 & 2
4 pm	Networking Reception

Tuesday, September 22, 2020 ENERGY STAR Workshop Meetings

11 am – 12:30 pm	Report Out on Benchmarking Activity, Session 3
2 pm – 4 pm	Sessions 4 & 5
4 pm	Networking

Wednesday, September 23, 2020 ENERGY STAR Workshop & Focus Industry Meetings, Best Practices

	Optional: Best Practices Pre-recorded Session	10 am
11 am – 1 pm	Session 6 (Energy Projects Recognized)	
	Optional: Best Practices Conference Keynotes 1 & 2	1 pm – 2 pm
2 pm – 4 pm	Focus Industry Meetings: <i>Cement, Food, Aerospace</i>	

Thursday, September 24, 2020 ENERGY STAR Focus Industry Meetings, Best Practices

	Optional: Best Practices Pre-recorded Sessions	10 am
10 am – 12 pm	Focus Industry Meetings: <i>Chem/Refining, Distilled Spirits, Pharma</i>	
	Optional: Best Practices Conference Keynotes 3 & 4	1 pm – 2 pm
2 pm – 4 pm	Focus Industry Meetings: <i>Glass, Motor Vehicles</i>	
	Optional: Best Practices Live Discussion Forum	3 pm

Friday, September 25, 2020 ENERGY STAR Virtual Plant Tours

11 am	Virtual Plant Tours & Wrap-up
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ENERGY STAR & AEE World Meeting

Due to COVID-19, AEE announced that AEE World will be held virtually during the week of November 30, 2020. ENERGY STAR has organized two sessions for this meeting, and speakers have been identified. When registration opens, you will be notified of the chance to attend. For updates, visit world.aeecenter.org.

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Monday, September 21, 2020

11:00 am Welcome & Instructions

- Betsy Dutrow, U.S. EPA, Eric Gingras, NRCAN, & Josh Smith, ICF

11:15 am Session 1: Adapting to Manage Energy During Changing Circumstances

Moderator: Bruce Bremer, ENERGY STAR

- Energy Management in FCA Plants in the Face of COVID-19
 - Kevin Dunbar, FCA (invited)
- Remote Engineer/Energy Expert Off-Site: Experience with LibreStream
 - Jeff Kamenski, Georgia-Pacific (45 min)

~~ 12:30 pm – 1:30 pm Downtime, nothing scheduled ~~

1:30 pm Session 2: Building a Shared Vision for Energy Management

Moderator: Walt Tunnessen, ENERGY STAR

- Engaging the Masses in Resource Management
 - Jason Akey, Marathon Petroleum Corporation (15 – 20 min.)
- Creating an Effective Energy Team at Magna
 - Senka Donches, Manager of Energy Efficiency – the Americas, Magna International (15-20 min.)
- Engaging Plant Employees in Energy Management (15 – 20 min.)
 - Lori Driver, Flowers Foods

2:30 pm Breakout Sessions

Attend one from Breakout Session 1 and one from Breakout Session 2.

Breakout Sessions, 2:30 pm - 3 pm

Theme: Why Is the Energy Manager Always Calling Me for Help?

Option 1: Why Maintenance People Should Care About Energy Management & How They Can Support It

Discussion leaders: Mike Younis, Georgia-Pacific & Dave Reid, Celanese

This session is for maintenance staff. Invite them to join this session to learn how they can benefit from supporting the energy management program.

Option 2: Why Finance People Should Care About Energy Management & How They Can Support It

Discussion leaders: Tom Pagliuco, Allergan & Scott Stallard, Lockheed Martin (invited)

This session is intended for your finance people. Invite them to join this session to learn what a great investment energy projects can be and how they can be advocates for your work.

Breakout Sessions, 3 pm – 3:30 pm

Theme: Evolving an Energy Management Program

Option 1: How to Take an Energy Program to the Next Level: Good Goals, Energy Policies, & Engaging Plants

Discussion leaders: Mike Jones, Intertape & Gary Londo, Boeing (invited)

This session will explore how to set energy goals at the company and plant levels, what an energy policy should include, and how to engage plants in an energy program.

Option 2: Forecasting vs. Backcasting: What Are They & When Would You Pick One Over the Other?

Plant-level energy baselines for management and the ENERGY STAR Challenge for Industry will be explored. The difference between the two methods will be explained, and an example from an ENERGY STAR Partner's experience using backcast regression-based baselines will be given to show the value of backcasting over forecasting.

Discussion leaders: Gale Boyd & Matt Doolin, Duke University

4 pm Networking Reception

In August, meeting registrants will be asked for ideas on networking discussion topics. From among those received, several topics will be selected. Those who suggested the selected topics will be provided the chance to help us lead a discussion on the topic in a "meeting room" where meeting attendees sign up for whichever session interests them. Sign ups will be done ahead of the meeting. Late registrants will be placed in a general session.

If no topics are provided ahead of the meeting, we will select from among these topics:

- *How would your energy program change if you were told you needed to increase energy efficiency to provide 3 times the results you do now?*
- *Share the last article you read on energy.*
- *Share how you justify energy projects using other reasons for doing them, e.g. impact on safety, environmental emissions reduction, etc.*
- *What is your biggest frustration point with your energy program?*
- *What are the worst things you've seen during a treasure hunt?*

- *General session.*

Tuesday, September 22, 2020

11:00 am **Report Out: Results Are In! ENERGY STAR Best Practices Benchmarking**

- Danny Macri, ENERGY STAR

11:30 am **Session 3: What Does the Future Hold for Energy Management? What Types of Strategies Will Be Needed?**

Moderator: Betsy Dutrow, ENERGY STAR

- Decarbonizing Industry – What Do People Mean by It & Your Changing Role as an Energy Manager
 - Gale Boyd, Duke University & Ernst Worrell, Utrecht University (45 min.)
Recently, several studies have been released on decarbonizing the industrial sector. Learn what the discussion is about and how your industry may play a role in the process.
- Revisiting Energy Strategy for the Road Ahead for the Next 30 Years (15 min.)
 - Walt Tunnessen, ENERGY STAR
Energy efficiency will continue to play an important role in industrial decarbonization moving forward, but what strategies will be most valid? Learn about how these will be identified.

~~ 12:30 pm – 2 pm Downtime, nothing scheduled ~~

2:00 pm **Session 4: Energy Management Strategies for the Future, Now**

Moderator: Kurt Schwalbe, ENERGY STAR

- Decarbonizing the Auto Industry - Implications for Building EV, Reducing Direct Emissions (25 min.)
 - Al Hildreth, GM (invited)
- Electricity Provides an Efficient and Zero Emission Heat Energy Source (35 min.)
 - David Taylor, Chromalox
Electrifying fossil fuel fired equipment and processes allows manufacturers to increase efficiency and reduce production downtime. Learn how electric process heating has become a viable alternative to the traditional fossil fuel heating sources.

3 pm **Session 5: Generate Power Energy Efficiently**

Moderator: Derek Kelly, NRCAN, ENERGY STAR

- Eliminating Coal-fired Boiler & CO₂ Emissions With CHP at a Corn Refinery (15 min.)
 - Nick Waibel, Tate & Lyle
In 2020, Tate & Lyle successfully completed the approval process for building a new CHP unit at a corn refinery. Learn how this was accomplished.
- Topic to be determined (20 min.)
 - Speaker TBD
- Topic to be determined (20 min.)
 - Speaker TBD

4 pm **Networking Time**

Wednesday, September 23, 2020

10 am **Optional Best Practices Pre-recorded Sessions**

11 am **Session 6: Your Top Energy Projects Recognized**

- Melissa Hulting, ENERGY STAR

Everybody loves to learn new ways to reduce energy waste and improve operations. What we will learn this year? Be sure to attend this anticipated session to hear about the projects selected by ENERGY STAR industrial partners.

1 pm **Optional Best Practices Conference Live Keynotes 1 & 2**

2:00 pm **Cement and Concrete Industry Focus Meeting**

- Welcome & Updates
 - Betsy Dutrow, ENERGY STAR
- New Products Electrify Transportation in Cement & Concrete Production
 - Guilherme Zurita, Divisional Director, Concrete, Liebherr
 - Electrified Long-Haul Trucking, Elizabeth Fretheim, Nikola Corporation
- Round Robin
- Data Loggers on Motor Loading Study
 - Nathan Onchuck, Ozinga
- Group Discussion: Report Out on Energy Management Best Practices Benchmarking Activity

2:00 pm **Food Industry Focus Meeting**

- Welcome & Updates
- Roundtable Discussion

- A representative from each company will provide an update on the following topics:
 - Update on your company's energy program.
 - Highlight 3 or 4 accomplishments or challenges you were able to overcome during the past year.
 - What challenges and opportunities do you anticipate for 2021?

2:00 pm

Aerospace Industry Focus Meeting

- Welcome & Updates
- Roundtable Discussion
 - Update on your company's energy program
 - Discuss 2-3 accomplishments you were able to achieve this past year.
 - What energy management challenges are you facing in the coming year?

Thursday, September 24, 2020

10:00 am

Optional Best Practices Pre-recorded Sessions

10:00 am

Chemicals & Refining Focus

- Welcome & Updates
 - Betsy Dutrow, ENERGY STAR
- Round Robin, Group
- Process Heating & Design Around the Three Pillars
 - Jason Akey, MPC
- Reviewing Capital Projects for Energy Efficiency
 - David Albright, Simplot
- Energy Treasure Hunts in Chemical Plants & Refineries
 - David Reid, Celanese
- Weekly Heater Reporting Yields Rankings of Efficiency Opportunities
 - John Curry & Zoraido Basalda, CITGO

10:00 am

Pharmaceutical Industry Focus

- Welcome & Updates
- Roundtable Discussion
 - A representative from each company will provide an update on these topics:
 - Update on your company's energy program.
 - Highlight 3 or 4 accomplishments or challenges you were able to overcome during the past year.
 - What challenges and opportunities do you anticipate for 2021?

10:00 am

Distilled Spirits Focus

- Welcome & Updates
- Update on Energy Performance Indicator & Energy Guide Development
 - Roundtable Discussion. Representative from each company shares how energy is managed in their organization. The following topics will be discussed:
 - Organization energy management
 - What group manages energy at the company level, and who is responsible?
 - Who is responsible for energy management at the facility level?
 - Goals – Company & Plant Level
 - What are company-wide & greenhouse gas reduction goals?
 - Do you compare performance of facilities?
 - Tracking
 - What steps/projects are you taking to meet these goals?
 - How is data gathered & tracked (energy management system, reports, what frequency)?
 - Accomplishments

1 pm

Optional Best Practices Conference Live Keynotes 3 & 4

2:00 pm

Motor Vehicle Industry Focus

- Welcome & Updates
- Roundtable Discussion
 - A representative from each company will provide an update on these topics:
 - Update on your company's energy program.
 - Highlight 3 or 4 accomplishments or challenges you were able to overcome during the past year.
 - What challenges and opportunities do you anticipate for 2021?

2:00 pm

Glass Industry Focus

- Welcome & Updates
 - Betsy Dutrow, ENERGY STAR
- Round Robin
 - Companies update on energy management
- Engaging Corporate Process and R&D People in Energy Management
 - JT Hufnagel, Corning
- LEDs & Guardian
 - Lynda Navarre, Guardian
- Group Discussion: Results of Energy Management Best Practices Benchmarking Activity

3 pm

Optional Best Practices Live Discussion Forum

Friday, September 25, 2020

11:00 am Virtual Plant Tours & Wrap-up

Join tours of four U.S. manufacturing plants. Learn how they make products, where they consume energy, and how energy is managed.

After the final tour, ENERGY STAR briefly will update you on activities planned for 2021 and invite you to share your suggestions for the next year and annual meeting!

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